



# Company: Prolific Resources LLC

SEC: 12 TWN: 22S RNG: 18W  
County: PAWNEE  
State: Kansas  
Drilling Contractor: Royal Drilling, Inc - Rig 2  
Elevation: 2038 GL  
Field Name: Eddy  
Pool: Pool Ext  
Job Number: 258

## Lease: Fisher #1

**Operation:**  
Uploading recovery & pressures

**DATE**  
October  
**18**  
2018

**DST #3**      **Formation:** Conglomerate chert      **Test Interval:** 4112 - 4146'      **Total Depth:** 4301'  
Time On: 22:14 10/18      Time Off: 07:03 10/19  
Time On Bottom: 00:08 10/19      Time Off Bottom: 03:23 10/19

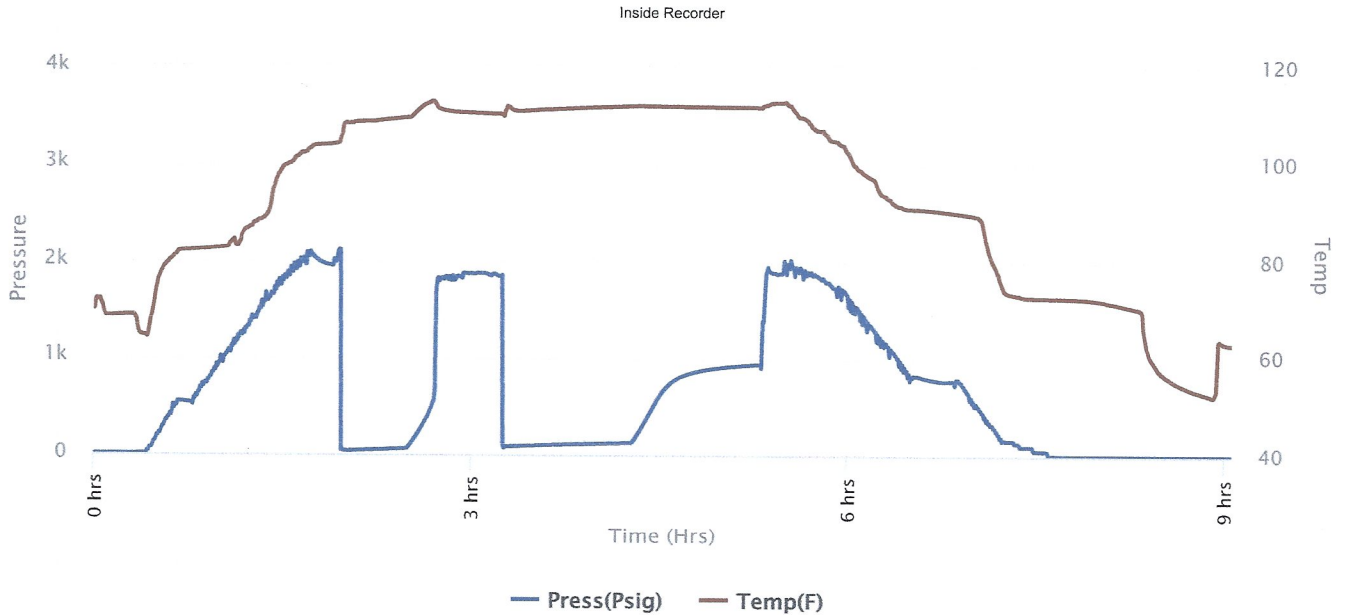
Electronic Volume Estimate:  
2524'

1st Open  
Minutes: 30  
Current Reading:  
142.7" at 30 min  
Max Reading: 142.7"

1st Close  
Minutes: .45  
Current Reading:  
.8" at .45 min  
Max Reading: .8"

2nd Open  
Minutes: 60  
Current Reading:  
142.0" at 60 min  
Max Reading: 142.0"

2nd Close  
Minutes: 25  
Current Reading:  
2.3" at 25 min  
Max Reading: 2.3"





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DST #3 for - Diamond Testing, LLC

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Recovered

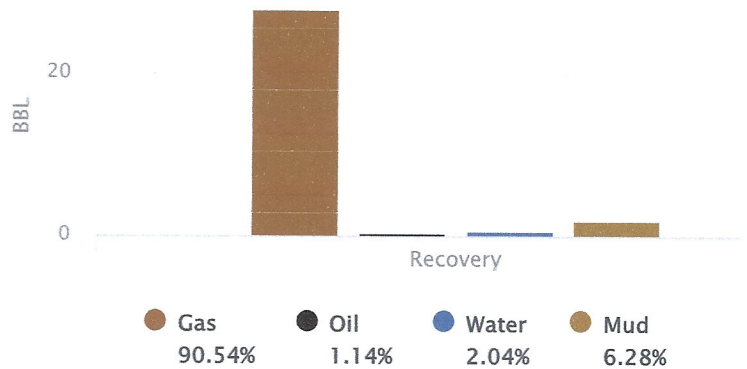
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
2150	27.735	G	100	0	0	0
45	0.5805	SLGCSLOCM	2	17	0	81
130	1.677	SLGCSLOCSLWCM	10	12	13	65
65	0.8385	SLOCHMCW	0	6	49	45

*240'  
690-1790  
0.1*

Total Recovered: 2390 ft  
Total Barrels Recovered: 30.831

Reversed Out  
NO

### Recovery at a glance



Initial Hydrostatic Pressure	1950	PSI
Initial Flow	31 to 58	PSI
<b>Initial Closed in Pressure</b>	<b>1854</b> ?	<b>PSI</b>
Final Flow Pressure	70 to 127	PSI
<b>Final Closed in Pressure</b>	<b>936</b> <i>Correct</i>	<b>PSI</b>
Final Hydrostatic Pressure	1945	PSI
Temperature	113	°F
Pressure Change Initial Close / Final Close	49.5	%

10/19/2018



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### BUCKET MEASUREMENT:

- 1st Open: 1" to BOB 2 min.
- 1st Close: 1/2 inch BB
- 2nd Open: 4" to BOB 1 1/2 min.
- 2nd Close: 5 1/4 inch BB

### REMARKS:

The tool slid on the initial shut-in and went to hydrostatic, therefore wasn't a valid reading.

Tool Sample: 0% Gas 41% Oil 14% Water 45% Mud

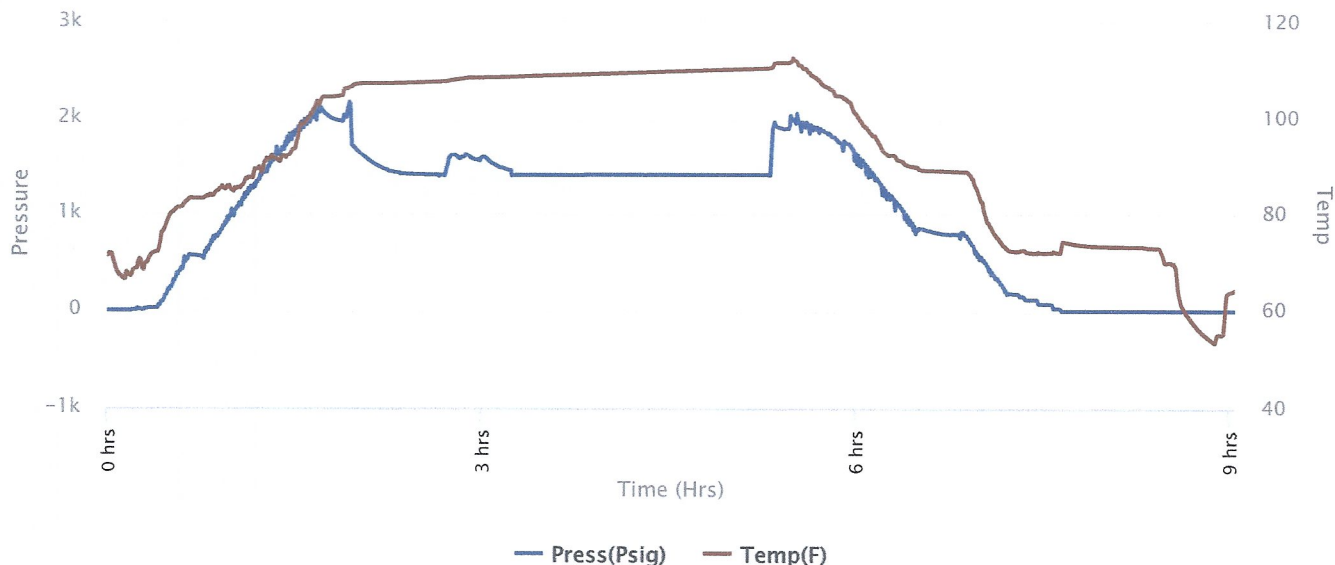
Ph: 7.0

Measured RW: .24 @ 61 degrees °F

RW at Formation Temp: 0.136 @ 113 °F

Chlorides: 33,000 ppm

### Below Straddle Recorder





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### Down Hole Makeup

<b>Heads Up:</b> 24.54 FT	<b>Packer 1:</b> 4106.5 FT
<b>Drill Pipe:</b> 4103.47 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 4112 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Packer 3:</b> 4146 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 4095.92 FT
<b>Test Tool:</b> 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 4114 FT
	<b>Below Straddle Recorder:</b> 4277 FT
	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Total Anchor:** 34

#### Anchor Makeup

**Packer Sub:** 1 FT

**Perforations: (top):** 0 FT  
*4 1/2-FH*

**Change Over:** 0 FT

**Drill Pipe: (in anchor):** 0 FT  
*ID-3 1/2*

**Change Over:** 0 FT

**Perforations: (below):** 33 FT  
*4 1/2-FH*

#### STRADDLE

**Straddle Packer(s):** 1 FT

**Change Over:** 1/2 FT

**Drill Pipe:** 128.48 FT  
*ID-3 1/2"*

**Change Over:** 1 FT

**Perforations (in tail pipe):** 25 FT  
*4 1/2-FH*



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LLC**

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**Mud Properties**

**Mud Type:** Chemical

**Weight:** 9.0

**Viscosity:** 65

**Filtrate:** 12.2

**Chlorides:** 11,500 ppm



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### Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
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2nd Open

Time	Orifice	PSI	MCF/D
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